

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### MEDAC

**Recommended Use:** Acidic detergent.

**Product Code:** 130125(2x5L)

**Whiteley Corporation Pty Ltd**

(A.C.N. 000 906 678)

Postal Address: P. O. Box 1076 North Sydney NSW 2059

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: [www.whiteley.com.au](http://www.whiteley.com.au)

Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:

**Whiteley Corporation NZ Limited**

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640

Telephone Number: 092737313, 0800 257 352

Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

### Section 2: HAZARDS

#### GHS Classification

Skin Corrosion (Category 1)  
Metal Corrosion (Category 1)



Signal Word **DANGER**

#### Hazard Statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

#### Precautionary Statements

P234	Keep only in original container
P260	Do not breathe dusts or mists
P264	Wash hands thoroughly after using
P280	Wear protective gloves, protective clothing and eye protection

#### Response Statements

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 +	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P338	
P310	Immediately call a POISON CENTRE or doctor/physician.
P363	Wash contaminated clothing before reuse
P390	Absorb spillage to prevent material damage

Storage Statements

P405	Store locked up
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Disposal Statements

P501	Dispose of container as per local regulations
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HSNO Classifications

8.1A	Substances that are corrosive to metals
8.2B	Substances that are corrosive to dermal tissue PG III
8.3A	Substances that are corrosive to ocular tissue

<b>Section 3: COMPOSITION INFORMATION</b>
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Ingredient	CAS No	Proportion
Nitric Acid	7697-37-2	<10%
Phosphoric Acid	7664-38-2	30-60%
Ingredients deemed not to be hazardous	Not applicable	To 100%

<b>Section 4: FIRST AID</b>
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<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Immediately call a Poison Centre or doctor/physician.
<b>Skin (Contact)</b>	Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs seek medical advice. Wash contaminated clothing before reuse.
<b>Inhalation (Breathing)</b>	Remove to fresh air.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor/physician.
<b>Advice to Doctor</b>	Treat symptomatically for acidic detergent.
<b>First Aid Facilities</b>	Ensure an eye wash and safety shower is available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to this product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	This product is not flammable. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO <sub>2</sub> or water spray.
<b>Hazards from Combustion Products</b>	Carbon dioxide and other toxic gases including oxides of nitrogen and phosphorus may be produced in the case of fire.
<b>Precautions for Fire Fighters and Special Protective Equipment</b>	Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Remove from the vicinity containers not involved in the fire.
<b>Additional Information</b>	<b>Hazchem Code</b> – 2X

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide (Guide 37) – for large volumes.
<b>Spills / Clean up</b>	Clean up personnel should wear full protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as toweling, sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash thoroughly after handling product.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area. Keep container tightly sealed. Store below 30°C. Store out of direct sunlight.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Phosphoric Acid	7664-38-2	1mg/m <sup>3</sup>	3mg/m <sup>3</sup>
Nitric Acid	7697-37-2	5.2mg/m <sup>3</sup>	10mg/m <sup>3</sup>

<b>Biological Limit Values</b>	No data available.
<b>Engineering Controls</b>	Ensure adequate ventilation to keep airborne concentrations below exposure standards.

**Personal Protective Equipment**

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use nitrile gloves, long sleeve shirt, pants and enclosed shoes to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES			
<b>Appearance</b>	Clear liquid	<b>Odour</b>	Mild
<b>Odour Threshold</b>	No data available	<b>pH</b>	<1
<b>Freezing Point</b>	Approx. 0°C	<b>Initial Boiling Point</b>	Approx. 100°C
<b>Boiling Range</b>	No data available	<b>Flash point</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Flammability</b>	No data available
<b>Upper flammability limit</b>	No data available	<b>Lower flammability limit</b>	No data available
<b>Vapour Pressure</b>	No data available	<b>Vapour Density</b>	No data available
<b>Relative Density</b>	1.22	<b>Solubility</b>	Completely miscible with water
<b>Partition Coefficient: n-octanol/water</b>	No data available	<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available	<b>Viscosity</b>	Approx. 30 cPs

Section 10: STABILITY AND REACTIVITY	
<b>Chemical Stability</b>	Stable under normal ambient storage conditions.
<b>Conditions to avoid</b>	Avoid extreme temperatures (store above 10°C and below 30°C). Protect against physical damage.
<b>Incompatible materials</b>	Incompatible with strong caustics, metals and bases.
<b>Hazardous decomposition products</b>	Toxic gases and vapours such as oxides of nitrogen and phosphorus.
<b>Hazardous reactions</b>	May react with metals to produce flammable hydrogen gas. May react violently with bases. May produce poisonous gases when reacted with sulphide, phosphide, cyanide, carbide and silicides.

Section 11: TOXICOLOGICAL INFORMATION	
<b>Acute toxicity</b>	Phosphoric Acid: LD <sub>50</sub> 1530mg/kg (oral, rat) RTECS TB6300000
<b>Skin corrosion/ irritation</b>	Product causes irritation, pain and reddening on skin contact  Phosphoric Acid (80% solution): effect on rabbit skin not reversible after 72 hours.

<b>Serious eye damage/irritation</b>	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
<b>Respiratory or skin sensitisation</b>	No data available.
<b>Germ Cell Mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	No data available.
<b>Specific Target Organ Toxicity – Single Exposure</b>	No data available.
<b>Specific Target Organ Toxicity – Repeated Exposure</b>	No data available.
<b>Aspiration Hazard</b>	No data available.

<b>Section 12: ECOLOGICAL INFORMATION</b>
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<b>Ecotoxicity</b>	No data available.
<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No data available.

<b>Section 13: DISPOSAL CONSIDERATIONS</b>
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<b>Disposal method</b>	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
<b>Special precautions</b>	Suitable for incineration by approved agent.

<b>Section 14: TRANSPORT INFORMATION</b>
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Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

<b>UN Number</b>	1760
<b>UN Proper Shipping</b>	CORROSIVE LIQUID, N.O.S.
<b>Class and subsidiary</b>	8 – Corrosive
<b>Packing Group</b>	III
<b>Special precautions for</b>	Not applicable
<b>Hazchem Code</b>	2X

**Section 15: REGULATORY INFORMATION**

Poisons Schedule (SUSMP): Schedule 6 – POISON.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

HSNO Approval Code: HSR002526

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

**Section 16: OTHER INFORMATION**

**Date of preparation:** 9<sup>th</sup> April 2021

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